



Substitute for form 1449A/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use as many sheets as necessary)				ATTY. DOCKET NO.: 4247.43		APPLICATION NO.: 09/998,587	
				FIRST NAMED INVENTOR: ULLMAN et al.			
				FILING DATE: November 16, 2001		ART UNIT: 2154	
Sheet	1	of	1	EXAMINER NAME: VU, Viet Duy			

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
VV.	A	US- 5,801,750	09/01/1998	KURIHARA	RECEIVED
		US-			
		US-			APR 10 2003
		US-			
		US-			Technology Center 2100

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
VV.	B	JP 4-127688 A	04/28/1992	FIJITSU GENERAL LIMITED		
VV.	C	JP 7-307813 A	11/21/1995	NIPPON TELEGRAPH & TELEPHONE CORPORATION		
VV.	D	JP 8-8860 A	01/12/1996	SONY CORP.		
VV.	E	JP 7-288606 A	10/31/1995	AT&T CORP.		

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>2</sup>	(Include name of Author ) in CAPITAL LETTERS), Title of article (when appropriate, title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published)	T <sup>3</sup>
VV.	F	NIKKEI BP CORP., <i>Intercast Using Gap Television Signal</i> , Nikkei Electronics, Japan, 18 December 1995, No. 651, p. 106.	
VV.	G	TELEVISION SOCIETY, <i>Interactive Television Broadcast Using Character Broadcast System</i> , Video Information and Broadcast Technology, 20 November 1995, Vol. 49, No. 11, p. 1482-1487.	
EXAMINER SIGNATURE		VV. VV.	DATE CONSIDERED 12-1-03

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